We claim:

1. A compound of formula (I)

$$R^{1}$$
 N
 $(CR^{3}R^{3})_{p}$
 $(R^{5})_{z}$
 $NR^{6}R^{7}$
 $(R^{4})_{y}$
 $(CH_{2})_{j}$
 $(CH_{2})_{k}$

p is 0, 1, or 2;

y is 0, 1, or 2; and z is 0, 1, or 2;

j and k are each independently 0, 1, or 2 provided that j and k are not simultaneously equal to 0;

 X_1 and X_2 are each independently is CH, or N;

 R^1 and R^2 are independently selected from hydrogen, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, phenyl, C_1 - C_{10} alkylaryl, SO_2R^8 , $(CH_2)_nC(O)NR^8R^8$, SO_2C_1 - C_{10} alkylaryl, SO_2C_1 - C_8 alkylheterocyclic, C_4 - C_{10} alkylcycloalkane, $(CH_2)_nC(O)OR^8$, and $(CH_2)_nC(O)R^8$; wherein each of the alkyl, alkenyl, and aryl groups are optionally substituted with one to two groups independently selected from C_1 - C_8 alkyl, C_2 - C_8 alkenyl, phenyl, C_3 - C_8 cycloalkyl, C_1 - C_8 alkylaryl, and $C(O)C_1$ - C_8 alkyl; and wherein R^1 and R^2 may optionally combine with each other to form a 4, 5, 6, or 7-membered nitrogen-containing heterocycle which nitrogen -containing heterocycle may further have substituents selected from the group consisting of oxo, amino, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, phenyl, C_1 - C_3 alkylaryl, C_1 - C_3 alkylaryl, C_1 - C_3 alkylaryl, C_1 - C_4 alkyl, C_2 - C_8 alkyl, halo, C_1 - C_3 haloalkyl;

 R^3 and R^3 ' are each independently selected from hydrogen, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, phenyl, aryl, C_1 - C_8 alkylcycloalkyl, and C_1 - C_8 alkylaryl; R^4 and R^5 are each independently selected from hydrogen, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, C_1 - C_8 alkoxy, halo, C_1 - C_8 haloalkyl, phenyl, aryl, C_1 - C_8 alkylaryl, $(CH_2)_mNSO_2C_1$ - C_8 alkyl, $(CH_2)_mNSO_2$ phenyl, $(CH_2)_mNSO_2$ aryl, - $(CO)C_1$ - C_8 alkyl, and -

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 $C(O)OC_1$ - C_8 alkyl; wherein each R^4 and R^5 is attached to its respective ring only at carbon atoms; wherein m is 1 or 2; and n is 0, 1, 2, or 3;

 R^6 and R^7 are each independently selected from hydrogen, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, C_2 - C_8 alkynyl, $C(O)C_1$ - C_8 alkyl, SO_2C_1 - C_8 alkyl, SO_2C_1 - C_8 alkylaryl, SO_2C_1 - C_8 alkylaryl, SO_2C_1 - C_8 alkylaryl, SO_2C_1 - S_8 alkylaryl, and SO_2C_1 - S_8 alkylaryl, SO_2C_1 - S_1 - S_2 - S_1 - S_2 - S_2 - S_2 - S_1 - S_2 - S_2 - S_2 - S_2 - S_2 - S_3 - S_2 - S_3 - S_2 - S_3

 R^8 is independently selected from hydrogen, C_1 - C_8 alkyl, C_2 - C_8 alkenyl, phenyl, benzyl, and C_5 - C_8 alkylaryl; or a pharmaceutically acceptable salt, solvate, prodrug, enantiomer, racemate, diastereomer, or mixture of diastereomers thereof.

- 2. The compound according to claim 1 wherein the X_1 is selected CH.
- 3. A compound according to Claim 1 wherein X_1 is N.
- 4. A compound according to Claim 1 wherein y is 0 or 1, and R⁴ is independently selected from the group consisting of fluoro, chloro, bromo, methoxy, ethoxy, methyl, ethyl, isopropyl, trifluoromethyl, phenyl, benzyl and ethoxy.
- 5. A compound according to Claim 1 wherein z is 0 or 1, and R⁵ is independently selected from the group consisting of fluoro, chloro, bromo, methoxy, ethoxy, methyl, ethyl, isopropyl, trifluoromethyl, phenyl, and benzyl.
- 6. A compound according to Claim 1 wherein R¹ and R² are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, 2-methylpentyl, t-butyl, cyclopropyl, phenyl,

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$$(CH_{2})_{n}$$

$$(CH_$$

- 7. The compound according to Claim 1 wherein R⁶ and R⁷ are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, and phenyl.
 - 8. A compound selected from the group consisting of:
- 3-{4-[(3-Methyl-butylamino)-methyl]-phenoxymethyl}-benzamide,
- 4-{4-[(3-Methyl-butylamino)-methyl]-phenoxymethyl}-benzamide,
- 4-{3-[(3-Methyl-butylamino)-methyl]-benzyloxy}-benzamide,
- 4-{4-[(3-Methyl-butylamino)-methyl]-benzyloxy}-benzamide,
- 4-(2-{4-[(3-Methyl-butylamino)-methyl]-phenoxy}-ethyl)-benzamide,
- $2\hbox{-}\{4\hbox{-}[(3\hbox{-}Methyl\hbox{-}butylamino)\hbox{-}methyl]\hbox{-}phenoxymethyl}\}\hbox{-}benzamide,$
- $3-\{3-[(3-Methyl-butylamino)-methyl]-phenoxymethyl\}-benzamide,\\$
- $3-(4-\{[(Methyl-(3-methyl)-amino]-methyl\}-phenoxymethyl)-benzamide,\\$
- 3-{4-[(3,3-Dimethyl-butylamino)-methyl]-phenoxymethyl}-benzamide,
- $3-(4-\{[2-(Tetrahydro-pyran-4-yl)-ethylamino]-methyl\}-phenoxymethyl)-benzamide,\\$
- $3-(4-\{[2-(4-Fluoro-phenyl)-ethylamino]-methyl\}-phenoxymethyl)-benzamide,\\$
- 3-{3-[(3-Methyl-butylamino)-methyl]-benzyloxy}-benzamide,
- 3-{4-[(3-Methyl-butylamino)-methyl]-benzyloxy}-benzamide,
- 4-{3-[2-(3-Methyl-butylamino)-ethyl]-benzyloxy}-benzamide,

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- 3-[4-(2-Benzylamino-ethyl)-Phenoxymethyl]-benzamide, or a pharmaceutically acceptable salt, solvate, enantiomer, diastereomer and diastereomeric mixture thereof.
- 9. A pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 in association with a carrier, diluent and/or excipient.
- 10. A method for blocking a mu, kappa, delta or receptor combination (heterodimer) thereof in mammals comprising administering to a mammal requiring blocking of a mu, kappa, delta or receptor combination (heterodimer) thereof, a receptor blocking dose of a compound of formula I, or a pharmaceutically acceptable salt, enantiomer, racemate, mixture of diastereomers, or solvate thereof.
- 11. A method of treating or preventing obesity and Related Diseases comprising administering a therapeutically effective amount of a compound of Claim 1.
- 12. A method according to Claim 11 wherein the Related Diseases is selected from the group consisting of diabetes, diabetic complications, diabetic retinopathy, atherosclerosis, hyperlipidemia, hypertriglycemia, hyperglycemia, and hyperlipoproteinemia.
- 13. A method of treating and/or preventing diseases related to obesity including irritable bowel syndrome, nausea, vomiting, depression, smoking and alcohol addiction, sexual dysfunction, substance abuse, drug overdose, addictive behavior disorders, compulsive behaviors, and stroke comprising administering a therapeutically effective amount of a compound of formula I.
- 14. A method of suppressing appetite in a patient in need thereof, comprising administering a therapeutically effective amount of a compound of formula I.
- 15. Use of a compound of formula I in the manufacture of a medicament for the treatment and/or amelioration of the symptoms associated with obesity and Related

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Diseases comprising administering a therapeutically effective amount of a compound of formula I to a patient in need thereof.